

IN THE CLAIMS:

Claim 1 (Currently Amended): An image processor provided with a function for recognizing a specific [[image in]] image data, comprising:

a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object that makes up the image data, and
~~regardless the types of one or plural rendering objects making up the image data, comprising:~~

~~at least one recognition part that is provided corresponding to the type of rendering object~~
~~and~~ recognizes whether a specific image is included or not in the image data; and

a determination part that determines based [[upon]] on the result of recognition by one or plural recognition [[units]] parts whether the specific image is included or not in the image data.

Claim 2 (Currently Amended): An image processor provided with a function for recognizing a specific image in image data, comprising:

a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object that makes up the image data, and
~~regardless the types of one or plural rendering objects making up the image data, comprising:~~

[[a]] at least one recognition part [[that]] recognizes the specific image; and

a determination part that instructs the recognition part to make recognition on [[a]] the specific type of rendering object in the image data, and when the result of the recognition shows the possibility of including the specific image in the image data, synthesizes another type of rendering object and instructs the recognition part to make recognition thereon.

Claim 3 (Currently Amended): An image processor provided with a function for recognizing a specific image in image data, a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object that makes up the image data ~~regardless the types of one or plural rendering objects making up the image data,~~ and the image data divided into partial images, comprising:

[[a]] at least one recognition part that recognizes the specific image; and

a determination part that instructs the recognition part to make recognition on every one or plural partial images, synthesizes the result of recognition on partial images and determines whether the specific image exists or not.

Claim 4 (Currently Amended): An image processor according to Claim 3, wherein:
~~the recognition part is provided corresponding to the type of the rendering object; and~~
the determination part synthesizes and determines the result of recognition by each recognition part provided corresponding to the type of the rendering object in a partial image.

Claim 5 (Original): An image processor according to Claim 1, further comprising:
an output image data generation part that generates output image data in the image data and outputs it, wherein:
the determination part instructs the output image data generation part to stop the output of the output image data when the determination part determines the possibility of including the specific image in the image data is high.

Claim 6 (Currently Amended): An image processing method of recognizing a specific image in image data, each of a plurality of recognition parts is dedicated to process a specific type of rendering object ~~regardless the types of one or plural rendering objects making up the image data~~, comprising:

making recognition on [[a]] the specific type of [[a]] rendering object whether a specific image is included or not; and

determining based upon the result of the recognition on respective rendering objects whether the specific image is included in the image data or not.

Claim 7 (Currently Amended): An image processing method of recognizing a specific image in image data, each of a plurality of recognition parts is dedicated to process a specific type of rendering object ~~regardless the types of one or plural rendering objects making up the image data~~, comprising:

making recognition of the specific image based on [[a]] the specific type of rendering object in the image data; and

when the result of recognition shows the possibility of including the specific image in the image data, synthesizing another type of rendering object and making recognition of the specific image.

Claim 8 (Currently Amended): An image processing method of recognizing a specific image in image data, each of a plurality of recognition parts is dedicated to process a specific type of rendering object regardless the types of one or plural rendering objects making up the image data, and the image data divided into partial images, comprising:

making recognition of the specific image on every one or plural partial images; and
synthesizing the result of recognition on the partial images and determining whether the specific image exists or not in the image data.

Claim 9 (Previously Presented): An image processing method according to claim 8, wherein:

when the recognition of the specific image is made on every one or plural partial images, the recognition of the specific image is made per type of the rendering object; and
the result of recognition per type of the rendering object is synthesized and the recognition of the specific image is made.

Claim 10 (Original): An image processing method according to Claim 6, further comprising:

generating output image data based upon the image data in parallel with recognizing the specific image and outputting the output image data; and
stopping the generation of the output image data when it is determined that the possibility of including the specific image in the image data is high.

Claim 11 (Currently Amended): A computer-readable storage medium storing a program for recognizing a specific image in image data, each of a plurality of recognition parts is dedicated to process a specific type of rendering object regardless the types of one or plural rendering objects making up the image data, and the program instructing a computer to execute the following steps of:

making recognition on [[a]] specific type of [[a]] rendering object whether a specific image is included or not; and

determining based upon the result of the recognition on respective rendering objects whether the specific image is included in the image data or not.

Claim 12 (Currently Amended): An image processor provided with a function for recognizing a specific image data, comprising:

a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object that are provided corresponding to a type of rendering object that makes up the image data, and recognizes whether a specific image is included in the image data; and

a determination part that determines, based on the result of recognition by the plurality of recognition parts whether the specific image is included in the image data.

Claim 13 (Currently Amended): An image processor provided with a function for recognizing a specific image data, comprising:

a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object ~~that are provided corresponding to a type of rendering object~~ that makes up the image data, and recognizes whether a specific image is included in the image data; and

a determination part that instructs the plurality of recognition parts to make recognition on ~~[[a]]~~ the specific type of rendering object in the image data, and when the result of the recognition shows a possibility of including the specific image in the image data, synthesizes another type of rendering object and instructs the plurality of recognition parts to make recognition thereon.

Claim 14 (Currently Amended): An image processor provided with a function for recognizing a specific image in image data divided into partial images; comprising:

a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object ~~that are provided corresponding to a type of rendering object~~ that makes up the image data, and recognizes whether a specific image is included in the image data; and

a determination part that instructs the plurality of recognition parts to make recognition on every plural partial images, synthesizes the result of recognition on partial images and determines whether the specific image exists.

Claim 15 (Currently Amended): The image processor according to Claim 14, wherein:

~~the plurality of recognition parts is provided corresponding to the type of the rendering object; and~~

the determination part synthesizes and determines the result of recognition by each of the plurality of recognition parts ~~provided corresponding to the type of the rendering object~~ in a partial image.

Claim 16 (Currently Amended): A method for recognizing a specific image data by an image processor, comprising:

recognizing, by a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object ~~that are provided corresponding to a type of rendering object~~ that makes up the image data, whether a specific image is included in the image data; and

determining, by a determination part, whether the specific image is included in the image data based on a result of recognition by the plurality of recognition parts.

Claim 17 (Currently Amended): A method for recognizing a specific image data by an image processor, comprising:

recognizing, by a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object that are provided ~~corresponding to a type of rendering object~~ that makes up the image data, whether a specific image is included in the image data; and

instructing the plurality of recognition parts, by a determination part, to make recognition on [[a]] the specific type of rendering object in the image data;

synthesizing another type of rendering object when the result of the recognition shows the possibility of including the specific image in the image data; and

instructing the plurality of recognition parts to make recognition thereon.

Claim 18 (Currently Amended): A method for recognizing a specific image in image data divided into partial images by an image processor, comprising:

recognizing, by a plurality of recognition parts, wherein each of the plurality of recognition parts is dedicated to process a specific type of rendering object that are provided ~~corresponding to a type of rendering object~~ that makes up the image data, whether a specific image is included in the image data; and

instructing the plurality of recognition parts, by a determination part, to make recognition on every plural partial images;

synthesizing the result of recognition on partial images; and

determining whether the specific image exists or not.

Claim 19 (Currently Amended): The image processing method according to claim 18, wherein:

~~the plurality of recognition parts is provided corresponding to the type of the rendering object; and~~

synthesizing and determining by the determination part, the result of recognition by each of the plurality of recognition parts ~~provided corresponding to the type of the rendering object in~~ a partial image.

Claim 20 (New): An image processor for processing image data including at least one of a rendering object of character, comprising:

a recognition part that recognizes whether a specific image is included or not in the image data by analyzing the rendering object of character to recognize a character which composes a part of the specific image; and

a determination part that determines based on the result of recognition by the recognition part whether the specific image is included or not in the image data.